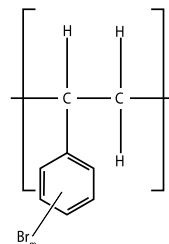


# FR - 803P

## Flame Retardants®

**Chemical name:** Brominated Polystyrene  
**Formula:**  $(C_8H_{8-m}Br_m)_n$   
**CAS Number:** 88497-56-7  
**Br%:** 66 Min.



### General & Use:

FR-803P is a polymeric flame retardant with a high content of aromatic bromine resulting in excellent thermal stability and bloom-free. Among other advantages included: high CTI and low conductivity. It is especially suitable for engineering thermoplastics such as: Nylon, PET, PBT and alloys. Polybrominated dibenzodioxins or polybrominated dibenzofurans are not detectable in FR-803P.

**For health & safety matters please refer to MSDS.**

### Typical Properties:

Appearance WHITE TO OFF WHITE FREE FLOWING POWDER OR GRANULES

Specific Gravity	2.1
Bromine Content %	66
Melting Rang °C	265-324

### Thermogravimetric Analysis (10° C/min N<sub>2</sub>):

Weight Loss, (%)	°C
2	340
4	358
10	374

### Solubility

At ambient temperatures FR-803P is not soluble in water, acetone and methanol.

Please note that the values indicated do not constitute specification limits. To obtain current specification refer to your local sales Office/Representative or ICL-IP Head Office at address herein.

### Storage and Handling:

Store in a dry, cool and well-ventilated area. Avoid exposure to moisture. Avoid exposure to heat and to sunlight

For more information please contact your local ICL office.

Visit our Website: [www.icl-group.com](http://www.icl-group.com)

For more information about our products and to place an order, please contact one of our regional sales offices.

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